

### MISSISSIPPI STATE DEPARTMENT OF HEALTH

## BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

0810028 + 0810027
List PWS ID #s for all Water Systems Covered by this CCR

Public Water Supply Name

consun water s	deral Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a ner confidence report (CCR) to its customers each year. Depending on the population served by the public system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to tomers upon request.
Please	Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper  On water bills Other
	Date customers were informed://
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed: / /
Þ	Name of Newspaper: North Mississipp, Lerald
	Date Published:/_/
	CCR was posted in public places. (Attach list of locations)
	Date Posted: / /
	CCR was posted on a publicly accessible internet site at www.
<u>CERT</u>	<u>IFICATION</u>
system and cor the Mis	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water in the form and manner identified above. I further certify that the information included in this CCR is true rect and is consistent with the water quality monitoring data provided to the public water system officials by sissippi State Department of Health, Bureau of Public Water Supply.  **Title (Prefident, Mayor, Owner, etc.)*  **Meta Completed Form to: Bureau of Fublic Water Supply F.O. Box: 1700/Jackson, MS 39215
	Phone: 601-376-7518

570 East Woodrow Wilson Post Office Box 1700 Jackson, MS 39215-1700 601-576-8090 1-866-HLTHY4U www.HealthyMS.com

#### 2009 Annual Drinking Water Quality Report Yalobusha Water & Sewer District PWS ID#: 0810028 & 0810029 May 2010

2010 JUN -8 PM 2: 46

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Lower and Middle Wilcox Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Yalobusha Water & Sewer District have received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Joel Rogers at 662-473-3137. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the annual meeting scheduled for Tuesday, March 8, 2011 at 7:00 PM at the Pine Valley Warehouse.

The Yalobusha Water & Sewer District routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2009. In cases where monitoring wasn't required in 2009, the table reflects the most recent results. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) — The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000. PWS ID #: 0810028 **TEST RESULTS** Contaminant Violation Range of Detects Date Level Unit **MCLG** MCL Likely Source of Contamination Collected Detected or # of Samples Measure Exceeding -ment MCL/ACL **Inorganic Contaminants** 2006\* 10. Barium .010 Discharge of drilling wastes; discharge No Range ppm 2 from metal refineries; erosion of natural deposits 14. Copper 2008\* 0 1.3 AL=1.3 ppm Corrosion of household plumbing systems; erosion of natural deposits: leaching from wood preservatives 17. Lead Ν 2008\* 0 ppb 0 AL=15 Corrosion of household plumbing systems, erosion of natural deposits **Disinfection By-Products** 81. HAA5 Ν 2007 6.5 No Range By-Product of drinking water ppb 0 60 disinfection. 82. TTHM N 2007\* 12.21 No Range 0 ppb 80 By-product of drinking water [Total chlorination. trihalomethanes] Chlorine Ν 2009 .80 .55 – .80 ppm 0 MDRL = 4 | Water additive used to control microbes

<b>PWS ID #</b> :				<u> EST RESU</u>	LIS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contar	ninants						
10. Barium	N	2006*	.016	No Range	ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natura deposits
14. Copper	N	2008*	.4	0	ppm	1.3		Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2008*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfectio 81. HAA5	n By-P	roducts	21.2	No Range	ppb	0	60	By-Product of drinking water
				-				disinfection.
82. TTHM Total irihalomethanes]	N	2007*	7.26	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2009	.9	.5 – .9	ppm	0	MDRL = 4	Water additive used to control microbes

<sup>\*</sup> Most recent sample. No sample required for 2009.

As you can see by the table, our system had no. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Yalobusha Water & Sewer District works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

# PROOF OF PUBLICATION OF NOTICE

## State of Mississippi Yalobusha County

Before me, BETTY K. SHEARER, Notary Public of said County, this day came David Howell, who stated on oath that ne is the Editor and Publisher of the North Mississippi Herald, a public newspaper publishing and having a general circulation in the City of Water Valley, said County and State, and made oath further that advertisement, of which a copy as printed is annexed, was published in said newspaper for \_\_\_\_\_\_\_ consecutive weeks in its issues numbered and dated as follows, to-wit:

Vol. (22) No. (10) Dated the (10) of (10) 20 (10) Vol. (10) No. (10) Dated the (10) of (10) 20

\_\_ No. \_\_\_ Dated the \_\_\_ of \_\_

Afflant further states that he has examined the foregoing issues of said newspaper, that the attached Notice appeared in each of said as aforesaid of said newspape.
Editor and Publisher
North Mississippi Herald
Sworn to and subscribed before me, this 10 day of 2000 Water Valley, Yalobusha County, Mississippi My Commission expires August 16, 2011
Words Times \$
Proof of Publication\$

# Yalobusha Water & Sewer District PWS ID#: 0810028 & 0810029 Mey 2010

evera pleased to present to your this year's Annual Custaly Water Report. This report is designed to inform you about the outly years are everytable self-being to you every day. Our contest pois is to provide your with a seal and dependated usuppy of dishing years. We have you are also provided to either the provided of the provided you will be contested by the years the vester designed provided your whist. Our everyth everyth where the provided is provided by the year which Cust requires years are committed to everyth the years where the years which you will not you when you will not you will n

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or expected fisk to health. MCLCs allow for a margin of safety.

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Inorganie	Conta	ninants					141,01	200
10. Barium	IN ST	20061	.010	No Range	38,000,000	200		
				no ranga	pom		100000000000000000000000000000000000000	Discharge of driting wastes; discharge from metal retinence; prosion of nature
14. Copper	IN	2008*		0.	pom.	1.3		deposits Corrosion of household plumbing
100000000000000000000000000000000000000	7,020	152,000	1000			\$200	500 m	
17. Lead	N	2003*	1555	0.33	pob .	(SSS: n :	100,000	leaching from wood preservatives
TU-1-6	4	CAT PRODUCTS		0.0000000000000000000000000000000000000	1000	0.852		Corrosion of household plumbing systems, erosion of natural deposits
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81, HAA3	14	2007	8.5	No Renge	pob I	61	50	By-Product of crinking water
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14. Copper	N	5009.	4	0	ppm	1.3	AL-1.3	Corresion of bounabold eventure
17. Lead	N	2006"	2	0	pob	.0		systems; erosion of natural deposits; leaching from wood preservatives
		×6.1			20	0.3.7		Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	n By-P	roducts				2.16		
81. HAAS	H	2007*	21.2	No Range	opb	0	60	By-Product of drinking water
S2. TTHU Total phylomethynos)	"	2007!	7.25	No Range	pob	0	80	distribution.  By-product of drinking water phiorination.
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